

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-10. (Canceled)

11. (Previously Presented) An air conditioning system having a plurality of indoor unit, at least one outdoor unit, and a system controller for controlling said plurality of indoor units or said at least one outdoor unit and arranged to execute communications between said plurality of indoor units and said at least one outdoor unit, comprising:

a first power line for supplying electrical power to said at least one outdoor unit;

a leased wire communication line for connecting said at least one outdoor unit with said system controller and bridges, each of said bridges being connected via a second power line supplying electric power to at least one of said plurality of indoor units;

a leased communication means provided in said at least one outdoor unit being connected with said leased wire communication line;

an adapter being connected with said second power line;

a power line communication means provided in said adapter being connected with said second power line;

high speed communication means provided in said adapter and one of said plurality of indoor units respectively, and being connected through the leased wire communication line to each other;

a blocking filter disposed in said second power line to avoid transmission of control information from said second power line to another second power line;

wherein control information is exchanged mutually between said at least one outdoor unit and said bridges via said leased wire communication line, between one of said bridges and said adapter via said second power line, and between said adapter and one of said plurality of indoor units via said leased wire communication line.

12. (Previously Presented) An air conditioning system as claimed in claim 11, wherein said first power line is arranged to supply electric power to said at least one outdoor unit through a three-phase power line and said second power line is arranged to supply electric power to said one of said plurality of indoor units through a single-phase power line.

13. (Previously Presented) An air conditioning system as claimed in claim 11, wherein said bridges and said adapter provide protocol converting means.

14. (Previously Presented) An air conditioning system as claimed in claim 11, wherein one of said bridges is served to pass only data oriented for said plurality of indoor units being connected with said second power line from said leased wire communication line to said second power line.

15. – 24. (Canceled).